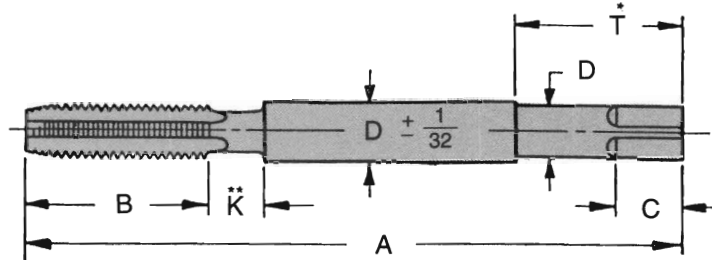


Ground Thread Pulley Tap Dimensions

Table 310



General Dimensions

Diameter of Tap Inches	Dimensions-Inches						
	Length Overall A	Length of Thread B	Length of Square C	Diameter of Shank D	Length of Close Tolerance T*	Size of Square E	Length of Neck K
1/4	6,8	1	5/16	.255	1-1/2	.191	3/8
5/16	6,8	1-1/8	3/8	.318	1-9/16	.238	3/8
3/8	6,8,10	1-1/4	7/16	.381	1-5/8	.286	3/8
7/16	6,8	1-7/16	1/2	.444	1-11/16	.333	7/16
1/2	6,8,10,12	1-21/32	9/16	.507	1-11/16	.380	1/2
5/8	6,8,10,12	1-13/16	11/16	.633	2	.475	5/8
3/4	10,12	2	3/4	.759	2-1/4	.569	3/4

Tolerances

Element	Range	Direction	Tolerance
Length Overall — A	1/4" to 3/4" incl.	Plus or Minus	1/16"
Length of Thread — B	1/4" to 3/4" incl.	Plus or Minus	1/16"
Length of Square — C	1/4" to 3/4" incl.	Plus or Minus	1/32"
Diameter of Shank — D	1/4" to 3/4" incl.	Minus	.005"
Size of Square — E	1/4" to 1/2" incl.	Minus	.004"
	5/8" to 3/4" incl.	Minus	.006"

Formulae (Approximate)

Diameter of Shank "D" = Maximum Major Diameter.

Size of Square = Diameter of Shank "D" x .75 to nearest .001".

Notes

*T is minimum length of shank which is held to eccentricity tolerances.

**Optional with manufacturer.